

### 5.3.1.2.2.6 Reports

An Auto Delete report is provided for the GEO Auto Delete function (see Paragraph 5.3.1.2.3.5.3.1). All other GEO reports must be accessed through the RFA main menu by clicking **{Reports}** from the menu button selection.

### 5.3.1.2.3 GEO Online Processing

The following paragraphs provide detailed information on the GEO Online functions. These functions include:

- Adding a Single GEO Record (See Paragraph 5.3.1.2.3.1),
- Changing a Single GEO Record (See Paragraph 5.3.1.2.3.2),
- Changing Multiple GEO Records (See Paragraph 5.3.1.2.3.3),
- Adding Multiple GEO Records (See Paragraph 5.3.1.2.3.4),
- Canceling/Uncanceling GEO Records (See Paragraph 5.3.1.2.3.5),
- Deleting One GEO Record (See Paragraph 5.3.1.2.3.6.1),
- Deleting Multiple GEO Records (See Paragraph 5.3.1.2.3.6.2),
- The Auto Delete Function (See Paragraph 5.3.1.2.3.6.3), and
- Finding GEO Records (See Paragraph 5.3.1.2.3.7).

#### 5.3.1.2.3.1 Adding a Single GEO Record

**Entering a New Record.** To add a single GEO record, click **{Add}** on the GEO Online Menu Selection window (see Figure 5.3.1.2.1-1, in Paragraph 5.3.1.2.1). This brings up the single record, Add GEO Record window, as shown in Figure 5.3.1.2.3.1-1.

From this point, the user can enter data for a new GEO Record. Once one field's data has been entered, the

GEO Code	GEO Name	Installation Code	Country/State Code	OK		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Cancel		
Latitude	Longitude	LPR Code	Prime GEO	Owner UIC	CINC Code	Find
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Cancel GEO
BE Number	ICAO Code	MILSTAMP ID	Country/State Name	Delete		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Help		
Record Status	Security Class	Create Date	Change Date	Cancelled Date		
<input type="text"/>	U	<input type="text"/>	<input type="text"/>	<input type="text"/>		

Count: \*0      <Insert>

Figure 5.3.1.2.3.1-1. Add GEO Record Window

user can either press [TAB] to move to the next field or use the mouse to click in another field to enter data. When the user attempts to leave a field, the data that was entered is validated to ensure it is consistent with data requirements for that field, as specified in the JRS for the GEO. If a data error is detected, an alert message window pops up, as shown in Figure 5.3.1.2.3.1-2, to report the error. This requires the user to click {OK}, which returns the user to the erroneous field to correct the error.

**Note:** Once a field has been navigated to, a valid value must be entered to leave that field.

Figure 5.3.1.2.3.1-2. Alert Pop-Up Window - Field Level Error

**Unchangeable Fields.** Please notice that fields across the bottom of the single record Add GEO Record window, are automatically filled in and cannot be changed manually. Once data are entered for a record, the dates change automatically and the Record Status and Security Classification fields are set automatically to their appropriate values.

**Saving the New Record.** Once data fields have been entered for the new GEO record, click {OK}, to save the new record. At this point, another set of data validation checks are performed. If any errors are detected, an alert pop-up window, labeled ORACLE Form, appears for each error, allowing the user to either edit the field related to the error or override the error and continue validation, as shown in Figure 5.3.1.2.3.1-3. After all errors are handled, if any errors still remain for the new record, the GEO Record Errors window popups, as shown in Figure 5.3.1.2.3.1-4, displaying the remaining errors and giving the user the option to edit the erroneous record or to continue and save the record with the reported errors.

Add GEO Record						
Action	Edit	Record	Query	Help		
GEO Code	GEO Name	Installation Code	Country/State Code			
FAKE	FAKE GEO NAME	CTY	24	OK		
Latitude	Longitude	LPR Code	Prime GEO	Owner UIC	CINC Code	Cancel
111111N	1111111W	7A	FAKE	FFWTKO	5	Find
BE Number	ICAO Code	MILSTAMP ID	Country/State Name	Cancel GEO		
	****					
Record Status	Security Class	Create Date				
	U	05-SEP-95				

Oracle Forms

(A-5) GEO's coordinates fall outside country's boundaries

Count: \*0      <Insert>

The screenshot shows a software interface with a main window titled 'Add GEO Record' and a modal dialog box titled 'GEO RECORD ERRORS'. The main window has a menu bar with 'Action', 'Edit', 'Record', 'Query', and 'Help'. It contains fields for 'GEO Code' (with value 'FAKE'), 'Installation', 'Country/State', 'Latitude' (with value '1111'), and 'Record Status'. The 'GEO RECORD ERRORS' dialog box also has a menu bar with the same options. It displays the message: 'The following errors still exist for the specified GEO: FAKE'. Below this, it lists two errors: '(A-5) GEO's coordinates fall outside country's boundaries' and '(A-6/4) LPR Code and Country Code may not be related'. At the bottom of the dialog are 'OK' and 'Edit' buttons. A status bar at the bottom left of the main window shows 'Count: \*0'.

If the user clicks **{OK}**, and no errors are detected for the record, or the user has decided to override all errors detected for the record, the record is saved, and a blank single record window appears, allowing the user to enter another new GEO record. A message also appears at the bottom of the window, letting the user know that a transaction has been committed (saved).

**Canceling/Exiting.** At any time during entry of a new GEO record, the user may click **{Cancel}**, which alerts the user that the new record will be lost. If the user clicks **{Continue}** on the alert pop-up window, as shown in Figure 5.3.1.2.3.1-5, the window is cleared, allowing the user to start entering the record again. If the user clicks **{Cancel}**, on the alert pop-up window, the user returns to the Add GEO Record window without clearing the new record being entered. If the user clicks **{Cancel}**, on the ADD GEO record window while it is clear of data, control returns to the GEO Online Menu Selection window.

The screenshot shows the 'Add GEO Record' window with the following fields and controls:

- Menu:** Action, Edit, Record, Query, Help
- Fields:**
  - GEO Code: FAKE
  - GEO Name: FAKE GEO NAME
  - Installation Code: CTY
  - Country/State Code: 24
  - Latitude: 111111N
  - Longitude: 111111W
  - LPR Code: 7A
  - Prime GEO: FAKE
  - Owner UIC: FFWTKO
  - CINC Code: 5
  - BE Number: (empty)
  - ICAO Code: \*\*\*\*
  - MILSTAMP ID: \*\*\*
  - Country/State Name: (empty)
  - Record Status: (empty)
  - Security Class: U
  - Create Date: 05-SEP-95
  - Ch D: 05-S
- Buttons:** OK, Cancel, Find, Cancel GEO, delete, Help
- Alert Dialog Box (Oracle Forms):**
  - Message: The new record will be lost! Continue?
  - Buttons: Continue, Cancel
- Status Bar:** Count: \*0, <Insert>

Figure 5.3.1.2.3.1-5. Alert Window - New Record Will Be Lost

#### 5.3.1.2.3.2 Changing a Single GEO Record

To retrieve an individual GEO record for updating, click **{Change}** from the GEO Online main menu, as shown in Figure 5.3.1.2.3.2-1.

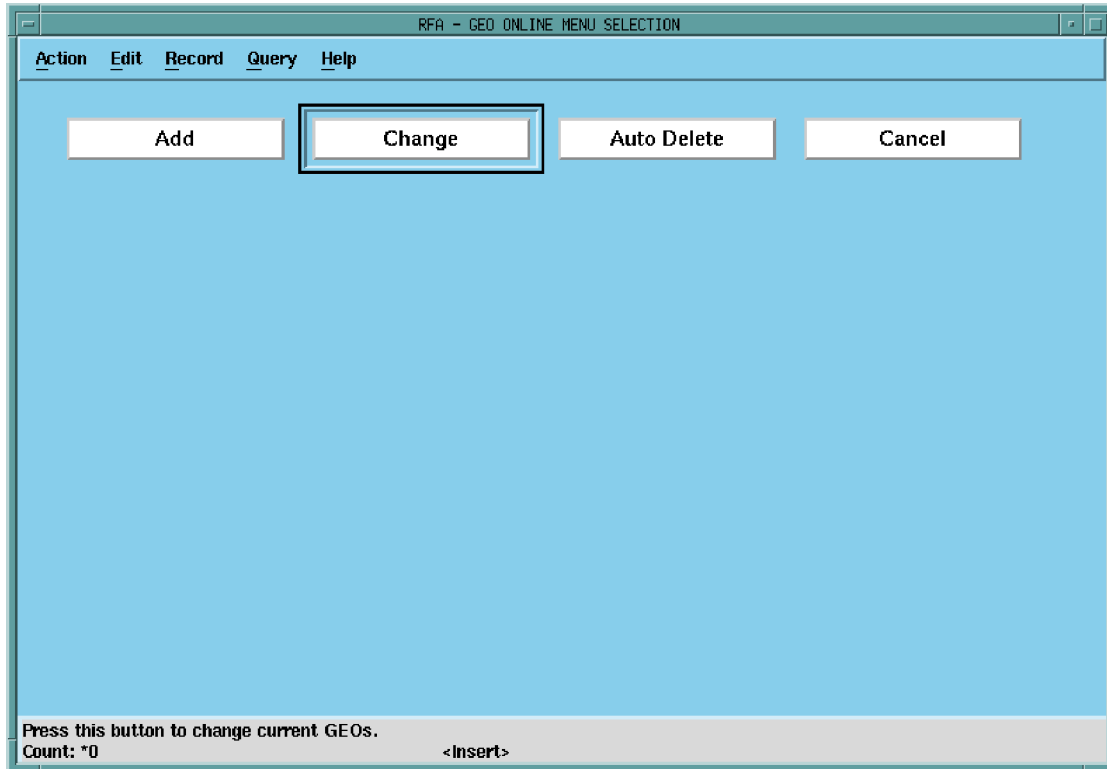


Figure 5.3.1.2.3.2-1. Click **{Change}** to Retrieve Individual GEO Record

The Enter GEOS window appears. Enter the GEO code for the record to be changed, as shown in Figure 5.3.1.2.3.2-2. When finished, click **{OK}**. If the record exists, the single record, Change GEO Record, window appears with the selected record's data filled in, as shown in Figure 5.3.1.2.3.2-3. If the record does not already exist, then a blank single record window appears, at which point the user can either enter a new GEO record, or click **{Cancel}**, which returns the user to the GEO Online main menu.

RFA - GEO ONLINE MENU SELECTION

Action Edit Record Query Help

Add Change Auto Delete Cancel

ENTER GEOS

Action Edit Record Query Help

SMYU

OK

Count: \*0 <Insert>

Figure 5.3.1.2.3.2-2. Enter GEO Code to Change Record

Change GEO Record

Action Edit Record Query Help

GEO Code	GEO Name	Installation Code	Country/State Code	OK
SMYU	OSAN AB XX	MAP	KS	
Latitude	Longitude	LPR Code	Prime GEO	Owner UIC
370506N	1270154E	SH	SMYU	DMABAA
BE Number	ICAO Code	MILSTAMP ID	Country/State Name	CINC Code
	RKSO	OSN	KOREA, REP OF	5
Record Status	Security Class	Create Date	Change Date	Cancelled Date
	U	01-SEP-95	01-SEP-95	

Cancel GEO

Delete

Help

Count: \*1 <Insert>

Figure 5.3.1.2.3.2-3. Change GEO Record Window

**Updating the Record.** Once the record is retrieved, the user can enter any field by pressing [TAB], or moving the arrow and clicking on the button desired with the mouse, and editing the GEO Record. Once one field's data has been updated, the user can either press [TAB] to move to the next field or use the mouse to click in another field to change data. When the user attempts to leave a field, the data that was changed is validated to ensure that it is consistent with data requirements for that field, as specified in the JRS for the GEO. If a data error is detected, an alert message pops up as shown in Figure 5.3.1.2.3.2-4, to report the error. It requires the user to click {OK}, which returns the user to the erroneous field to correct the error.

The screenshot shows the 'Change GEO Record' window with the following fields and values:

GEO Code	GEO Name	Installation Code	Country/State Code
SMYU	OSAN AB XX	MAP	QQ

Buttons: OK, Cancel

Latitude	Longitude	LPR Code	Prime GEO	Owner UIC	CINC Code
370506N	1270154E	SH	SMYU	DMABAA	5

Buttons: Find, Cancel GEO

BE Number	ICAO Code	MILSTAMP ID	Country/State Name
	RKSO	OSN	

Buttons: Delete, Help

Record Status	Security Class	Create Date	Change Date
	U	01-SEP-95	01-SEP-95

Alert Pop-Up Window (Oracle Forms):

(A-4) Country Code is invalid

Buttons: OK

Count: \*1 <Insert>

Figure 5.3.1.2.3.2-4. Alert Pop-Up Window - Indicating Data Error

**Unchangeable Fields.** Please notice that the fields across the bottom of the single record, Change GEO Record window, are automatically filled in and cannot be manually changed. Once the data for a record data is entered, the dates will automatically change, and the Record Status and Security Classification fields are automatically set to their appropriate values.

**Saving the Record.** Once the desired data fields have been updated for the GEO record, click {OK} to save the new record. At this point, another set of data validation checks are done. If any errors are detected, an alert window pops up for each error, allowing the user to either edit the field related to the error, or override the error and continue validation, as shown in Figure 5.3.1.2.3.2-5. After all errors are handled, and if any errors still remain for the new record, the GEO Record Errors window pops up, as shown in Figure 5.3.1.2.3.2-6, displaying the remaining errors, and giving the user the option to edit the erroneous record, continue, and/or save the record with the reported errors.

Change GEO Record

Action Edit Record Query Help

GEO Code	GEO Name	Installation Code	Country/State Code	OK
SMYU	OSAN AB XX	MAP	KS	
Latitude	Longitude	LPR Code	Prime GEO	Owner UIC
370506N	1270154E	7A	SMYU	DMABAA
BE Number	ICAO Code	MILSTAMP ID	Country/State Name	Cancel GEO
	RKSO			
Record Status	Security Class	Create Date		
<input type="checkbox"/>	U	01-SEP-95		

Count: \*1 <Insert>

Oracle Forms

(A-6/4) LPR Code and Country Code may not be related

Edit Override

Figure 5.3.1.2.3.2-5. Alert Pop-Up Window - Overrides Data Error on Record Save

Change GEO Record

Action Edit Record Query Help

GEO Code	Installation	Country/State
SMYU		
Latitude		
3705		
Record Status		
<input type="checkbox"/>		

Count: \*0

GEO RECORD ERRORS

Action Edit Record Query Help

The following errors still exist for the specified GEO: SMYU

(A-6/4) LPR Code and Country Code may not be related

OK Edit

Figure 5.3.1.2.3.2-6. GEO Record Errors Window



If the user Clicks **{OK}**, and no errors are detected for the record, or if the user has decided to override all errors detected for the record, the record is saved. A blank single record window appears, allowing the user to enter a new GEO record.

**Another Way to Update.** In addition to the method mentioned above, the user can retrieve a GEO record for updating by clicking **{Find}** at any time. After clicking **{Find}**, the FIND GEO window pops up, at which point, the user can enter the GEO code of the record to be changed, as shown in Figure 5.3.1.2.3.2-7. The user then clicks **{OK}**, and if the record already exists, it will be retrieved and displayed. Update the record as described in the above paragraphs. Clicking **{Cancel}** in the Find GEO window returns the user to the previous record being entered/modified.

The image shows a software interface for adding a GEO record. The main window, titled 'Add GEO Record', contains several input fields and buttons. A smaller 'FIND GEO' window is overlaid on top, prompting the user to 'ENTER GEO' with the text 'AAAA' and buttons for 'OK' and 'Cancel'. The main window has a menu bar with 'Action', 'Edit', 'Record', 'Query', and 'Help'. It includes fields for 'GEO Code', 'GEO Name', 'Installation Code', 'Country/State Code', 'Latitude', 'Longitude', 'BE Number', and 'ICA Code'. At the bottom, there are fields for 'Record Status' (containing 'A'), 'Security Class' (containing 'U'), 'Create Date', 'Change Date', and 'Cancelled Date'. Buttons for 'OK', 'Cancel', 'Find', 'Cancel GEO', 'Delete', and 'Help' are also present. A status bar at the bottom shows 'Count: \*0' and '<Insert>'.

Figure 5.3.1.2.3.2-7. Find GEO Window

**Canceling/Exiting.** At any time during update of a GEO record, the user may click **{Cancel}**. If data has been entered, an alert pop-up window, as shown in Figure 5.3.1.2.3.2-8, warns the user that continuation of the process will cause changes to be lost. If the user clicks **{Continue}** on the alert pop-up window, the window is cleared of data, allowing the user to enter a new record if desired. If the user clicks **{Cancel}** on the main window while no data is entered, control returns to the GEO Online Menu Selection window.

The 'Change GEO Record' window contains the following fields and controls:

- Top Section:** GEO Code (AAAA), GEO Name (AALTER), Installation Code (MAP), Country/State Code (BE). Buttons: OK, Cancel.
- Second Section:** Latitude (510430N), Longitude (0032630E), LPR Code (4K), Prime GEO (AAAA), Owner UIC (W0ZUFF), CINC Code (4). Buttons: Find, Cancel GEO.
- Third Section:** BE Number, ICAO Code (\*\*\*), MILSTAMP ID (\*\*\*), Country/State Name. Buttons: Delete, Help.
- Bottom Section:** Record Status, Security Class (U), Create Date (21-MAY-84), Char Da. Buttons: Continue, Cancel.

An 'Oracle Forms' alert window is overlaid with the message: 'Any changes will be lost! Continue?'. It has 'Continue' and 'Cancel' buttons.

At the bottom of the main window, it says 'Count: \*1' and '<Insert>'.

Figure 5.3.1.2.3.2-8. Alert Pop-Up Window - Indicates Changes Will Be Lost

### 5.3.1.2.3.3 Changing Multiple GEO Records

To update more than one GEO record at once, click **{Change}** from the GEO Online Menu Selection window. The Enter GEOS window appears. The user can enter up to 12 GEO codes for records to retrieve for update, as shown in Figure 5.3.1.2.3.3-1.

The 'RFR - GEO ONLINE MENU SELECTION' window has a menu bar (Action, Edit, Record, Query, Help) and buttons: Add, Change, Auto Delete, Cancel.

The 'ENTER GEOS' sub-window is open, showing a table with 4 columns and 3 rows of input fields:

GEO Code	GEO Name	Installation Code	Country/State Code
SMYU			
AAAA			
ABBA			

Buttons: OK.

At the bottom of the main window, it says 'Count: \*0' and '<Insert>'.

Figure 5.3.1.2.3.3-1. Enter GEOS Window